I. Amendments to the Claims

This listing of claims below will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Original): A method of determining the amount of 14-hydroxycodeinone contained in an oxycodone preparation comprising:

(a) preparing for analysis by a detection system a standard solution comprising 14-hydroxycodeinone in a known concentration;

(b) preparing for analysis by the detection system a sample solution comprising oxycodone from the oxycodone preparation;

(c) analyzing the standard solution using the detection system to obtain a measurable quantification of 14-hydroxycodeinone in the known concentration;

(d) analyzing the sample solution of step (b) using the detection system to obtain a measurable quantification of 14-hydroxycodeinone in the sample solution; and

(e) determining the amount of 14-hydroxycodeinone in the oxycodone preparation based on a comparison of the quantifications obtained for the standard solution with the quantification obtained for the sample solution.

Claim 2. (Currently Amended): A method of determining the amount of 14-hydroxycodeinone contained in an oxycodone preparation comprising:

(a) preparing for analysis by a detection system a standard solution comprising 14-hydroxycodeinone in a known concentration;

(b) preparing for analysis by the detection system a sample solution of oxycodone from the oxycodone preparation, wherein the concentration of oxycodone in the sample solution is from about 10 mg/mL to the solubility limit of the oxycodone;

(c) analyzing the standard solution using the detection system to obtain a measurable quantification of 14-hydroxycodeinone in the known concentration;

(d) analyzing the sample solution of step (b) using the detection system to obtain a measurable quantification of 14-hydroxycodeinone in the sample solution; and

~~(g)~~ (e) determining the amount of 14-hydroxycodeinone in the oxycodone preparation based on a comparison of the quantifications obtained for the standard solution with the quantification obtained for the sample solution.

Claim 3. (Original): The method of claim 1, wherein the detection system is an HPLC system and the quantification is a measurable peak area.

Claim 4. (Original): The method of claim 2, wherein the detection system is an HPLC system and the quantification is a measurable peak area.

Claim 5. (Currently Amended): The method of claim 1 ~~or 2~~, wherein the concentration of the standard solution is about 10 ppm.

Claim 6. (Currently Amended): The method of claim 1 ~~or 2~~, wherein the concentration of oxycodone in the sample solution is about 50 mg/mL.

Claim 7. (Currently Amended): The method of claim 3 ~~or 4~~, wherein the standard solution, the sample solution, or both are adjusted to a pH of about 7.0 to about 11.0.

Claim 8. (Currently Amended): The method of claim 3 ~~or 4~~, wherein the HPLC system of the present invention has a column maintained at a temperature of from ambient temperature to about 60 degrees C, preferably at about 40 degrees C, to obtain a measurable peak area of 14-hydroxycodeinone.

Claim 9. (Currently Amended): The method of claim 1 ~~or 2~~, which can provide for the detection of 14-hydroxycodeinone from about 5 ppm to about 100 ppm.

Claim 10. (Currently Amended): The method of claim 1 ~~or 2~~, which can provide for the detection of 14-hydroxycodeinone from about 5 ppm to about 50 ppm.

Claim 11. (Currently Amended): The method of claim 1 ~~or 2~~, which can provide for the detection of 14-hydroxycodeinone from about 5 ppm to about 25 ppm.

Claim 12. (Currently Amended): The method of claim 1 ~~or 2~~, which can provide for the detection of 14-hydroxycodeinone from about 5 ppm to about 10 ppm.

Claim 13. (Currently Amended): The method of claim 1 ~~or 2~~, which can provide for the detection of 14-hydroxycodeinone at about 5 ppm.

Claim 14. (Currently Amended): The method of claim 1 ~~or 2~~, which can provide for the detection of 14-hydroxycodeinone at an amount less than about 5 ppm.

Claim 15. (Currently Amended): The method of claim 3 ~~or 4~~, wherein the HPLC system comprises a mobile phase adjusted to a pH of about 7.0 to about 11.0, or about 7.0 to about 8.0.

Claim 16. (Original): The method of claim 15, wherein the mobile phase is adjusted to a pH of about 7.8.

Claim 17. (Currently Amended): The method of claim 3 ~~or 4~~, wherein the HPLC system is selected from the group consisting of an adsorption chromatography system, an ion-exchange chromatography system and a size exclusion chromatography system.

Claim 18. (Original): The method of claim 17, wherein the HPLC system is an adsorption chromatography system.

Claims 19-50. (Cancelled)

Claim 51. (Original): A method of determining the amount of codeinone contained in an oxycodone preparation comprising:

(a) preparing for analysis by a detection system a standard solution comprising codeinone in a known concentration;

(b) preparing for analysis by the detection system a sample solution comprising oxycodone from the oxycodone preparation;

(c) analyzing the standard solution using the detection system to obtain a measurable quantification of codeinone in the known concentration;

(d) analyzing the sample solution of step (b) using the detection system to obtain a measurable quantification of codeinone in the sample solution; and

(e) determining the amount of codeinone in the oxycodone preparation based on a comparison of the quantifications obtained for the standard solution with the quantification obtained for the sample solution.

Claim 52. (Original): A method of determining the amount of codeinone contained in an oxycodone preparation comprising:

(a) preparing for analysis by a detection system a standard solution comprising codeinone in a known concentration;

(b) preparing for analysis by the detection system a sample solution of oxycodone from the oxycodone preparation, wherein the concentration of oxycodone in the sample solution is from about 10 mg/mL to the solubility limit of the oxycodone;

(c) analyzing the standard solution using the detection system to obtain a measurable quantification of codeinone in the known concentration;

(d) analyzing the sample solution of step (b) using the detection system to obtain a measurable quantification of codeinone in the sample solution; and

(g) determining the amount of codeinone in the oxycodone preparation based on a comparison of the quantifications obtained for the standard solution with the quantification obtained for the sample solution.

Claims 53-100. (Cancelled)